



Crop Weather Report

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Monthly: Nov-Mar

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For the Week Ending:
May 11, 2008

Weather Summary

Most of the state received scattered light precipitation last week. The southeast district had above normal moisture. Highs were mostly in the 60s to 70s, and lows were mostly in the 20s to 30s. Glendive, Roundup, Hardin, and Huntley all reached 78 degrees. Cascade had the low temperature of 19 degrees. Topsoil moisture adequate and surplus is 59 percent, above last week's 46 percent, but below last year's 91 percent and the five-year average of 68 percent. Subsoil moisture adequate and surplus is 28 percent, above last week's 23 percent, but below last year's 74 percent and the five-year average of 50 percent. Both topsoil and subsoil moisture conditions continue to improve. The number of days suitable for field work was 4.2 days.

The weather outlook for May 19th through May 25th is for below normal temperatures and above normal precipitation east of the continental divide and for below normal temperatures and near normal precipitation west of the divide. Normal temperatures for this period in Montana are highs in the upper 50s to the upper 60s and lows in the upper 20s to the mid 40s.

Field Work Table	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Fieldwork				
Days	4.2	5.2	5.4	4.7
Field Tillage Work in Progress				
None	8	10	2	n/a
Just Started	15	21	11	n/a
Well Underway	77	69	87	n/a

Livestock Report

A high percentage of livestock are receiving supplemental feed compared to last year and the five-year average. Producers in the central and north central districts are still feeding due to lack of spring grass. Grass has not grown due to cold and dry conditions. Hay stocks are limited, and some ranchers are moving livestock to summer ranges even if the pastures haven't seen spring growth. Stockwater supplies are also a concern.

Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	17	16	0	7
Poor	27	29	7	16
Fair	31	33	32	33
Good	20	14	50	35
Excellent	5	8	11	8
Moved to Summer Ranges				
Cattle & Calves	32	18	37	n/a
Sheep & Lambs	23	13	37	n/a
Receiving Supplemental Feed				
Cattle & Calves	58	70	37	44
Sheep & Lambs	62	67	36	42
Livestock Grazing				
Open	83	81	92	n/a
Difficult	11	12	3	n/a
Closed	6	7	5	n/a
Livestock Birthing				
Calving Complete	96	91	96	96
Lambing Complete	88	78	90	87

Soil Moisture Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	11	23	0	11
Short	30	31	9	21
Adequate	57	41	75	59
Surplus	2	5	16	9
Subsoil Moisture				
Very Short	36	39	4	19
Short	36	38	22	31
Adequate	27	22	65	47
Surplus	1	1	9	3

According to the NRCS on May 1, mountain snow water content values were 123 percent of average and 179 percent of last year. Cool temperatures in April delayed mountain snowmelt. Streamflows are forecasted to be 93 to 106 percent of average statewide for May through July this year. April mountain precipitation was 79 percent of average and water year mountain precipitation was 103 percent of average.

Field Crops Report

Cold temperatures and dry soil conditions this year have slowed the growth of winter wheat and delayed emergence of spring crops. All of the small grains have less emerged this year than last year. Overall, winter wheat condition has declined. Winter wheat good to excellent is 32 percent, below last week's 37 percent, last year's 75 percent, and the five-year average of 61 percent.

Crop Progress and Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Winter Wheat				
Very Poor	10	10	1	3
Poor	19	16	3	10
Fair	39	37	21	26
Good	30	33	47	44
Excellent	2	4	28	17
Winter Wheat- Spring Stages				
Still Dormant	1	1	0	n/a
Greening	22	30	2	n/a
Green and Growing	77	69	98	n/a
Planted				
Barley	81	61	81	78
Durum Wheat	68	43	72	52
Oats	71	62	77	61
Spring Wheat	83	71	78	75
Dry Peas	96	87	87	n/a
Lentils	77	59	83	n/a
Corn	57	24	60	42
Emerged				
Barley	30	14	42	41
Durum Wheat	17	4	22	14
Oats	25	11	35	26
Spring Wheat	24	12	27	31
Dry Peas	23	5	28	n/a
Lentils	27	9	11	n/a
Corn	9	n/a	3	6
Boot Stage				
Winter Wheat	3	2	11	6

THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT: <http://www.nass.usda.gov/mt/>

Weather Information for the Week ending 05/11/2008

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	73	28	49	12	-9	0.04	-0.38	0.97	-0.76	56	10.25	+2.76	137
Anaconda	68	24	45	0	-11	0.31	-0.08	1.38	-0.39	78	7.85	+1.65	127
Clinton	69	28	47	0	-6	0.10	-0.26	0.94	-0.65	59	9.49	+0.38	104
Corvallis	71	27	49	5	-19	0.00	-0.35	0.33	-1.23	21	4.66	-1.17	80
Creston	67	27	47	4	-13	0.45	-0.09	1.58	-0.97	62	5.40	-5.40	50
Deer Lodge	66	20	44	0	-7	0.16	-0.24	0.64	-0.68	48	3.04	-0.72	81
Drummond	72	24	44	0	-14	0.36	-0.06	1.11	-0.52	68	5.85	-0.31	95
Hamilton	70	34	51	16	-5	0.00	-0.36	1.48	-0.15	91	4.83	+0.29	106
Kalispell	69	24	49	14	-2	0.34	-0.08	0.88	-0.99	47	5.96	-3.73	62
Missoula	71	30	50	15	-6	0.01	-0.41	0.50	-1.23	29	5.23	-2.26	70
Olney	66	23	45	2	-8	0.46	-0.02	0.67	-1.44	32	13.39	-0.56	96
Polson	68	28	49	11	-14	0.54	+0.05	1.40	-0.71	66	5.71	-2.86	67
St Ignatius	68	33	49	11	-15	0.14	-0.41	1.25	-1.03	55	5.30	-3.22	62
Seeley Lake	66	27	44	0	-10	0.31	-0.10	1.09	-0.60	64	11.76	-1.49	89
Sula	69	23	45	0	-3	0.17	-0.32	1.39	-0.87	62	7.15	-1.22	85
Superior	70	27	49	7	-23	0.12	-0.29	0.67	-1.14	37	9.80	-0.36	96
Swan Lake	68	26	46	3	-11	0.55	+0.01	2.17	-0.32	87	18.78	-0.28	99
Thompson Falls	71	33	52	16	-20	0.28	-0.21	1.46	-0.79	65	17.62	+1.84	112
West Glacier	66	26	47	8	-7	1.12	+0.57	2.25	-0.38	86	20.43	+2.18	112
NORTH CENTRAL													
Chester	72	25	49	12	-12	0.35	+0.00	0.98	-0.26	79	2.61	-1.03	72
Chinook	73	28	48	9	-20	0.61	+0.13	1.14	-0.61	65	3.37	-1.46	70
Choteau	70	23	47	4	-17	0.18	-0.22	0.98	-0.37	73	3.34	+0.21	107
Cut Bank	66	21	46	4	-10	0.08	-0.37	0.22	-1.38	14	1.15	-2.91	28
Ft Assinniboine	73	28	50	15	-14	0.55	+0.10	0.83	-0.87	49	2.51	-2.44	51
Fort Benton	72	29	48	8	-31	0.55	+0.08	1.69	-0.26	87	4.20	-1.43	75
Goldbutte	66	23	46	1	-17	0.29	-0.14	1.88	+0.11	106	4.16	-0.76	85
Harlem	74	26	50	15	-15	0.41	+0.01	0.70	-0.67	51	2.16	-1.68	56
Havre	73	26	50	18	-10	0.57	+0.19	0.80	-0.67	54	2.28	-2.32	50
Malta	72	30	51	20	-9	0.43	-0.02	1.29	-0.31	81	4.96	+0.39	109
Rudyard	74	28	50	12	-12	0.90	+0.49	1.65	+0.32	124	2.34	-0.83	74
Shelby	67	24	46	2	-17	0.07	-0.37	1.51	-0.23	87	2.80	-1.90	60
Turner	69	27	48	8	-14	0.92	+0.60	1.27	+0.23	122	2.49	-0.81	75
Valier	67	27	47	4	-17	0.01	-0.43	0.41	-1.20	25	2.43	-1.51	62
NORTHEAST													
Bredette	72	26	49	12	-20	0.23	-0.12	1.80	+0.40	129	4.59	+0.76	120
Culbertson	74	30	52	22	-21	0.42	+0.01	0.95	-0.60	61	3.17	-1.08	75
Glasgow	72	31	50	19	-16	0.30	-0.04	2.64	+1.37	208	4.95	+1.11	129
Glendive	78	35	52	25	-16	0.31	-0.11	3.04	+1.21	166	4.85	-0.21	96
Jordan	73	34	50	17	-15	0.41	-0.04	2.32	+0.63	137	5.68	+0.66	113
Nashua	74	33	53	33	-13	0.63	+0.27	3.21	+1.69	211	5.28	+1.46	138
Opheim	66	23	46	5	-17	0.11	-0.28	1.22	-0.02	98	3.46	+0.08	102
Plentywood	72	25	49	16	-18	0.00	-0.35	0.55	-0.81	40	2.70	-1.44	65
St Marie	69	29	49	11	-24	0.41	+0.07	1.92	+0.65	151	3.93	+0.09	102
Scobey	70	24	49	9	-16	0.20	-0.10	1.57	+0.26	120	4.50	+0.91	125
Sidney	77	35	54	30	-17	0.69	+0.29	1.76	+0.06	104	3.54	-1.65	68
Wolf Point	73	30	50	18	-28	0.43	+0.11	1.73	+0.44	134	3.22	-0.73	82
CENTRAL													
Cascade	69	19	44	0	-9	0.42	-0.16	2.19	+0.10	105	6.79	+1.16	121
Grass Range	73	33	50	12	-8	0.71	+0.06	1.61	-0.84	66	5.57	-1.18	83
Great Falls	71	30	49	12	-3	0.12	-0.42	1.69	-0.55	75	4.52	-2.15	68
Harlowton	74	22	47	2	-14	0.60	+0.16	1.47	-0.54	73	5.62	+0.23	104
Helena	72	31	51	21	+0	0.22	-0.15	0.72	-0.78	48	3.26	-1.39	70
Lewistown	70	32	47	5	-8	0.19	-0.42	0.74	-1.58	32	3.46	-4.15	45
Martinsdale	71	28	47	1	-6	0.34	-0.12	0.97	-0.96	50	4.46	-0.81	85
Neihart	68	27	44	0	-5	0.54	-0.21	1.98	-1.03	66	9.15	-0.28	97
Rogers Pass	69	28	48	12	-2	0.15	-0.58	0.88	-1.83	32	4.43	-3.50	56
Roundup	78	35	54	30	-2	0.74	+0.24	1.64	-0.44	79	4.29	-1.08	80
Ryegate	76	29	48	11	-3	0.64	+0.24	0.97	-0.75	56	4.01	-0.91	82
Stanford	69	27	47	6	-12	0.30	-0.30	0.83	-1.65	33	4.43	-2.53	64
Townsend	70	29	49	7	-18	0.04	-0.31	0.70	-0.54	56	2.89	-0.84	77
Valentine	74	31	49	15	-5	0.97	+0.35	1.47	-0.66	69	4.16	-1.39	75
Wht Sulphur Spr	67	25	45	0	-9	0.20	-0.29	1.14	-0.80	59	4.81	-0.75	87
SOUTHWEST													
Boulder	67	23	45	1	-9	0.28	-0.14	1.08	-0.33	77	3.75	-0.50	88
Bozeman	70	30	49	11	-8	0.78	+0.08	2.80	-0.35	89	11.37	+1.72	118
Butte	66	25	43	0	+0	0.33	-0.09	0.96	-0.71	57	3.14	-2.31	58
Dillon	71	28	47	6	-8	0.42	+0.03	0.82	-0.75	52	3.75	-0.06	98
Ennis	70	24	45	4	-10	0.45	-0.01	2.64	+0.61	130	7.76	+1.81	130
Lakeview	67	25	46	1	+1	0.50	-0.04	1.42	-0.96	60	8.95	-0.82	92
W Yellowstone	67	26	43	0	+0	0.53	+0.05	1.68	-0.56	75	13.38	-0.07	99
Wisdom	63	21	43	0	+0	0.50	+0.15	1.51	-0.03	98	7.21	+1.60	129
SOUTH CENTRAL													
Billings	74	36	52	29	-3	0.23	-0.33	0.66	-1.99	25	4.62	-3.27	59
Cooke City	67	28	47	1	+1	0.49	-0.07	1.20	-1.44	45	6.52	-8.14	44
Gardiner	68	31	49	6	-16	0.09	-0.27	0.25	-0.91	22	4.07	-0.28	94
Hardin	78	36	56	45	+0	0.06	-0.36	1.00	-1.06	49	3.92	-2.16	64
Huntley	78	34	51	20	-7	0.52	-0.01	1.12	-1.32	46	5.06	-1.79	74
Hysham	76	38	55	40	+3	0.40	-0.16	2.04	-0.15	93	5.11	-1.02	83
Joliet	75	32	49	15	-8	0.81	+0.11	1.59	-1.47	52	5.73	-2.91	66
Livingston	71	30	49	14	-3	0.73	+0.12	2.63	+0.09	104	6.31	-0.74	90
Nye	71	22	48	12	-7	1.69	+1.03	2.27	-0.83	73	7.47	-0.95	89
Rapelje	75	32	50	15	-6	0.60	-0.02	1.28	-1.36	48	4.84	-2.52	66
SOUTHEAST													
Albion	69	27	46	6	-16	1.30	+0.74	4.59	+2.16	189	7.44	+1.94	135
Baker	71	32	49	16	-15	1.39	+0.90	4.27	+2.12	199	5.53	-0.67	89
Broadus	75	33	52	25	-11	0.77	+0.28	3.97	+1.62	169	5.94	-0.55	92
Ekalaka	68	31	47	2	-28	1.01	+0.45	6.13	+3.37	222	8.82	+1.16	115
Miles City	76	36	52	29	-12	0.19	-0.28	1.60	-0.54	75	2.22	-3.47	39
Plevna	72	32	50	16	-15	0.72	+0.23	4.54	+2.39	211	6.14	-0.06	99
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1970-2000. GDD-Growing degree days													